

CUSTOMER NO.: 24498
Serial No.: 10/009,298
Final Office Action dated: February 18, 2005
Response dated: April 26, 2005

PATENT
RCA 89,549

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Amended) A video processing apparatus, for receiving terrestrial analog and digital television signals and for generating an output signal suitable for coupling to a display device for producing a displayable image, the apparatus comprising:

means for selecting a television signal from a plurality of received television signals;

control means for controlling said video processing apparatus; and

means for determining the signal strength of said received television signals, wherein

said control means causes said video processing apparatus to operate in one of a first mode of operation during which said selected television signal is included in said output signal for display in said displayed image; and

a second mode of operation during which said signal strength of said received television signals is provided for display on said display device concurrently with said selected television signal.

2. (Original) The video processing apparatus of claim 1, wherein said means for determining signal strength includes means for updating said signal strength of said selected television signal and said second mode of operation includes showing the update of signal strength.

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3. (Original) The video processing apparatus of claim 2, wherein said means for updating includes means for determining whether a television signal is digital or analog, and said second mode of operation includes means for displaying whether said television signal is digital or analog.

4. (Previously Amended) A video processing apparatus comprising:
means for receiving a plurality of television signals having audio and video information components and selecting a television signal from the plurality of received television signals;

means for displaying the video information component of a selected said television signal on a display device coupled to said video processing apparatus;

means for determining signal strength of each one of the plurality of television signals; and

means for selectively displaying the signal strength of each one of the plurality of television signals while the audio and video of the selected channel is active.

5. (Previously Amended) The video processing apparatus of claim 4, wherein said means for selectively displaying includes means for selectively displaying signal strengths of each one of the plurality of television signals in a grid format while the audio and video of the selected television signal is active.

6. (Original) The video processing apparatus of claim 4, wherein said means for selectively displaying includes means for selectively displaying whether a television signal is analog or digital.

7. (Original) The video processing apparatus of claim 5, further comprising:
means for updating in real-time the signal strength of the selected television signal.

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8. (Original) The video processing apparatus of claim 4, further comprising:
means for storing in memory a channel number associated with the television
signals when the signal strength exceeds a predetermined threshold level.

9. (Currently Amended) A method of positioning an antenna for receiving
digital television signals comprising:

- a. selecting an initial position for said antenna;
- b. displaying the signal strength of each one of the plurality of received digital
signal signals concurrently; and
- c. selecting a final reception position for said antenna based on the measured
signal strength of at least one of said plurality of received digital signals ~~channel~~.

10. (Original) The method of claim 9 wherein the step of selecting an initial
position and the step of displaying is repeated until the signal strength of each received
digital signal is optimized.

11. (Original) The method of claim 9, wherein the digital signals are
concurrently audible and during real-time display of signal strength for a selected
channel.